



# KITCHEN FIRE SUPPRESSION SYSTEM

UL EX4658

BULLETIN NO.

SL-202

Date: March 2023

To: Authorized Amerex Distributors and OEMs

From: Sales and Product Management—Kitchen Systems

Re: KP protection for Marmon Flame King Broilers—Model: FK4-NGA-BKNA & FK4-LPA-BKNA

Note: This technical bulletin serves as an addition to the KP/ZD Design, Installation, Maintenance, & Recharge Manual P/N 20150 Amerex Restaurant Fire Suppression System dated February 14th, 2019. This technical bulletin is not meant to replace any requirements and/or limitations within, and the information in the bulletin will be added at the next revision. This bulletin defines a UL LISTED COVERAGE for the protection of the listed appliance(s).

Amerex is announcing the addition of an appliance-specific KP fire protection coverage for the Marmon Flame King FK4-NGA-BKNA and FK4-LPA-BKNA broilers. This coverage must be installed in accordance with all requirements of NFPA 17A and NFPA 96.

This protection can be applied to the broilers with and impedance plate or a catalyst installed. The coverage utilizes QTY (2) 13729 nozzles. Two nozzles are to be mounted above the broiler on the back edge of the catalyst/impedance plate.

<b>Nozzle Type:</b>	13729
<b>Nozzle Quantity:</b>	2
<b>Nozzle Height:</b>	17 in to 23 in (432 mm to 584 mm)
<b>Nozzle Location:</b>	15 in $\pm$ 1 in (381 mm $\pm$ 25 mm) spacing between nozzle drops and centered over the catalyst/impedance; 0 in to 1 in (0 mm to 25 mm) off the back of the catalyst/impedance plate holder
<b>Nozzle Aim Points:</b>	8 $\frac{1}{4}$ in (210 mm) from the side and 5 in (127 mm) from the back of the catalyst/impedance plate holder

## **Broiler Specifications:**

<b>Chamber Size:</b>	23 $\frac{1}{2}$ in x 28 $\frac{1}{2}$ in (597 mm x 724 mm)
<b>Exhaust Opening Size:</b>	Impedance Plate - 14.75 in x 27.00 in (375 mm x 686 mm) - See Figure 2 Catalyst - 15.19 in x 26.56 in (386 mm x 675 mm) - See Figure 3
<b>Input Rating:</b>	112,000 BTU/HR



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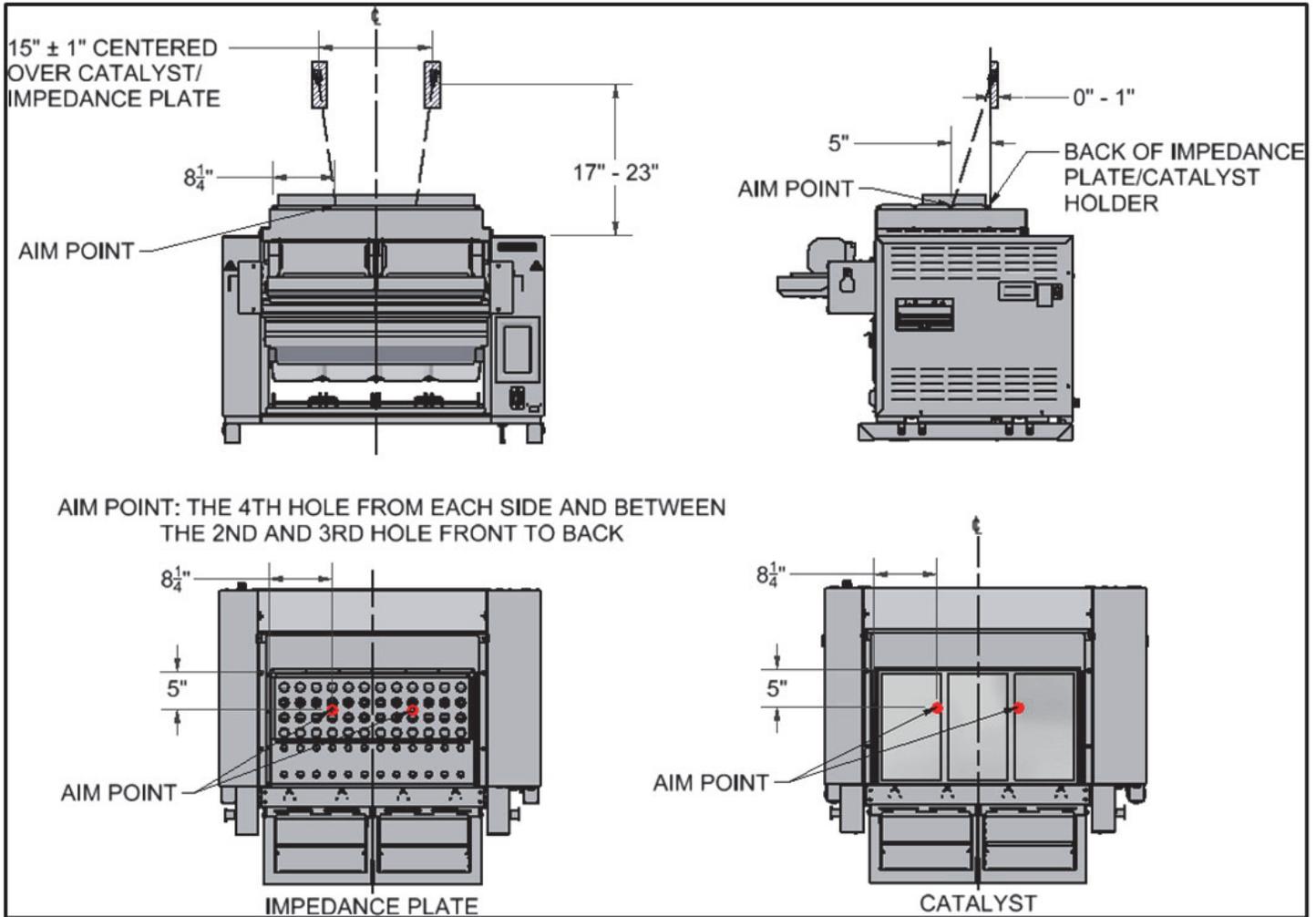


Figure 1: Nozzle Placement and Aim

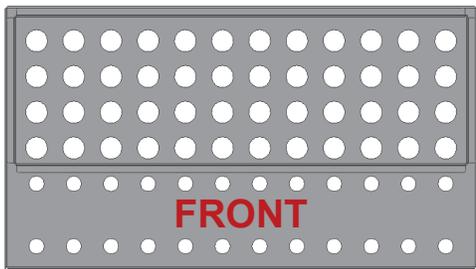


Figure 2: Impedance Plate (P/N 1000-565)



Figure 3: Catalyst (P/N 1000-552)